

Sheet 1 of 1Form PTO-1449  
(REV. 1/06)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
121231APPLICATION NO.  
10/509,243

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT  
Isamu TAKAHARAFILING DATE  
December 3, 2004GROUP  
3618

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Date	Name

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
<i>P</i>	1.	JP-A-2001-191891	07/17/2001	JAPAN	X	X

## OTHER DOCUMENTS

Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

*M. Clement*

DATE CONSIDERED

*6/21/07*

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: August 25, 2006

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 121231		APPLICATION NO. 10/509,243	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT Isamu TAKAHARA			
				FILING DATE December 3, 2004		GROUP 3618	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
<i>P</i>	1)	4,858,951	08/22/1989	LENZEN	<i>—</i>	<i>—</i>	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
<i>W</i>	2)	JP A 6-249594 w/ abstract & trans	09/06/1994	JAPAN	<i> </i>	<i> </i>	
	3)	JP U 2 144857	12/07/1990	JAPAN	<i> </i>	<i> </i>	
	4)	JP A 2-63951	03/05/1990	JAPAN	<i> </i>	<i> </i>	
	5)	EP 1 164 349 A1 w/ abstract	12/19/2001	EUROPE	<i> </i>	<i> </i>	
	6)	JP A 2001-512227	08/21/2001	JAPAN	<i> </i>	<i> </i>	
	7)	JP U 3055652	10/28/1998	JAPAN	<i> </i>	<i> </i>	
	8)	WO 95/11421	04/27/1995	WIPO	<i> </i>	<i> </i>	
<i>W</i>	9)	JP A 9-504599	05/06/1997	JAPAN	<i> </i>	<i> </i>	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER <i>M. Clement</i>				DATE CONSIDERED <i>6/21/07</i>			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: March 2, 2005

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 121231		APPLICATION NO. 10/509,243	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT Isamu TAKAHARA			
				FILING DATE December 3, 2004			

  

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

  

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
R	1)	JP A 2000-168487 w/ abst. & trans	06/20/2000	JAPAN	/	/
R	2)	JP A 2000-292100 w/ abst. & trans	10/20/2000	JAPAN	/	/
R	3)	JP A 11-301402 w/ abstract & trans	11/2/1999	JAPAN		

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						

  

EXAMINER <div style="font-family: cursive; font-size: 1.2em; margin-top: 10px;">M. Clement</div>	DATE CONSIDERED <div style="font-family: cursive; font-size: 1.2em; margin-top: 10px;">6/21/07</div>
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APPLICANT  
Isamu TAKAHARAFILING DATE  
December 3, 2004

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>PD</i>	1)	US 2002/0069782 A1	06/13/2002	AVETISIAN et al.	—	—
<i>PD</i>	2)	US 6,295,935 A1	10/02/2001	SWANN et al.	—	—
<i>PD</i>	3)	5,821,446	10/13/1998	CHATLEY, JR.	—	—

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
<i>PD</i>	4)	DE 101 25 354 A1	12/05/2002	GERMANY	—	—
<i>PD</i>	5)	WO 02/073117 A1 w/ abstract	09/19/2002	WIPO	—	—
<i>PD</i>	6)	EP 1 225 415 A1	07/24/2002	EUROPE	—	—

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER

*M. Coleman*

DATE CONSIDERED

*10/21/07*

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Date: November 29, 2005